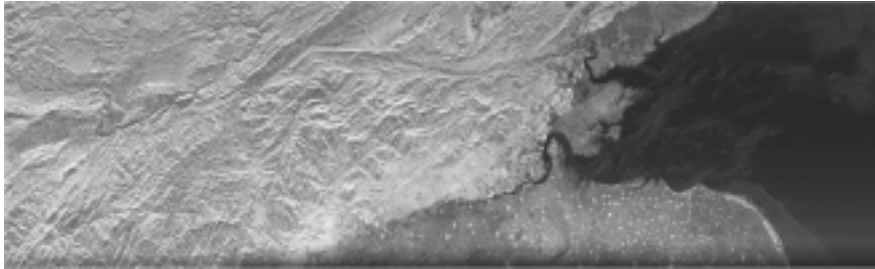


Path Product (Intermediate product)

Calibrated, unsigned short integer (16 bit), amplitude of sigma-zero



70 km(PALSAR), 75 km(JERS-1)

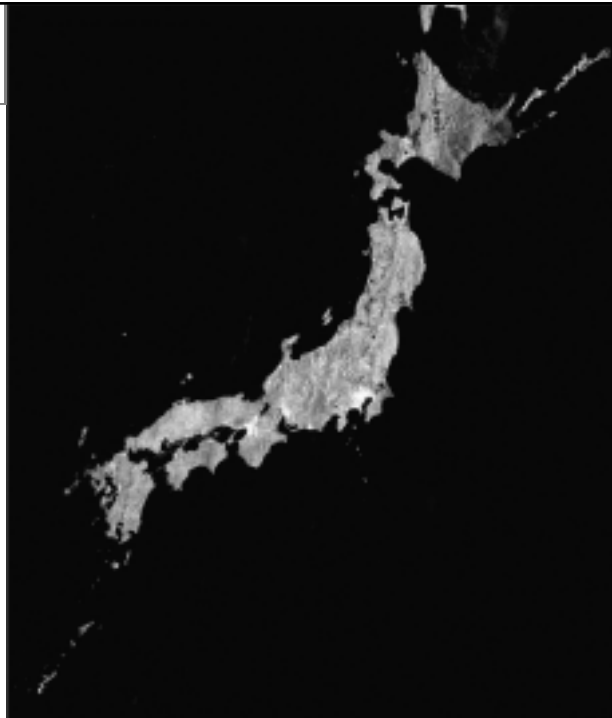
Image length is not limited while PRF is same

JERS-1 SAR (South East Asia)

Global Forest Mapping Project

Path number:43-75
Obs.
Dates:March 30
1996 - June 15
1996

Mosaic image from
the Mosaic processor



EORC processor : performance and goal (for PALSAR)

Daily input from EOC : 400 GB or 500 scenes (28 HH or 14 HH+HV)¹⁾

a) Main product distributing to forest community: 1.5 path products

Daily process : -> 5 nodes out of 64 process 500 scenes.
-> 2 nodes for raw data conversion-> 1.0
and data copy of path-> DLT

b) Mosaic data : amplitude data mosaic

c) SLC data: under consideration for distribution to forest researchers. Problem is data volume, not processing time.

Performance: one PALSAR 1.5 image < 15 minutes (per node) (28HH/14 HH+HV)
-> 96 scenes/node/24 hours

¹⁾ One raw data (28 HH or 14 HH+HV) needs 900 MB

EORC processor contains 64 nodes.

1.5 path image for forest : calibrated slant range 16 bit image averaged over
TBD(64?) pixels for speckle reduction + ancillary data for image location.

EORC processor is enough capable for forest community!